

CLAIMS

1. Method for supporting the management of a communication network (KN1), **characterised in that** the setting-up of a communication connection between a mobile radio terminal (TE1 to TE3) of a subscriber (A, B, C) of the communication network (KN1) and a network management server (NMS1) of the communication network (KN1) is initiated by the mobile radio terminal (TE1 to TE3), that the network management server (NMS1) communicates with the mobile radio terminal (TE1 to TE3) via the initiated communication connection by means of a WAP protocol, that the network management server (NMS1) determines the identity of the subscriber (A, B, C) and checks the authorisation of the ascertained subscriber (A, B, C) by means of an authorisation procedure, that with satisfactory authorisation the network management server (NMS1) allows and facilitates access by means of the WAP protocol for the mobile radio terminal (TE1 to TE3) to data assigned to the ascertained subscriber (A, B, C), of a subscriber management database (SMDB) of the network management system (NMS) of the communication network (KN1), in which the type of services within the communication network subscribed to by the subscriber, and respective assigned parameters for the management of the communication network, are specified by the network management system.

2. Method according to Claim 1, **characterised in that** during access to the subscriber management database (SMDB) the mobile radio terminal (TE1 to TE3) modifies the services provided to the subscriber in the communications network (KN1) by deleting or adding services in the subscriber management database.

3. Method according to Claim 1, **characterised in that** during access to the subscriber management database the mobile radio terminal (TE1 to TE3) modifies the charges for services provided to the subscriber in the communication network (KN1) by modifying parameters assigned to services in the subscriber management database (SMDB).

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4. Method according to Claim 1, **characterised in that** during access to the subscriber management database the mobile radio terminal (TE1 to TE3) modifies the collection of the call charges incurred by the subscriber in the communication network (KN1) by modifying the global parameters assigned to the subscriber in the subscriber management database (SMDB).

5. Method according to Claim 1, **characterised in that** with satisfactory authorisation the network management server (NMS1) allows and facilitates access by means of the WAP protocol for the mobile radio terminal (TE1 to TE3) to data assigned to the ascertained subscriber, of a call charge database (CHDB) of the communication network (KN1), in which charges incurred for the use of services of the communication network are stored.

6. Method according to Claim 1, **characterised in that** communication between the mobile radio terminal and the network management server is carried out via a WAP gateway.

7. Method according to Claim 1, **characterised in that** the network management server has a WAP interface.

8. Network management server (NMS1) for supporting the management of a communication network (KN1), **characterised in that** the network management server (NMS1) is provided with an interface unit (INT) for communication with mobile radio terminals (TE1 to TE3) of subscribers (A, B, C) of the communication network (KN1) by means of a WAP protocol, that the network management server (NMS1) is provided with a control unit (AU) that is configured so that when the setting-up of a communication connection from a mobile radio terminal (TE1 to TE3) of a subscriber (A, B, C) of the communication network (KN1) to the network management server (NMS1) is initiated, the control unit determines the identity of the subscriber (A, B, C) and checks the authorisation of the ascertained subscriber (A, B, C) by means of an

authorisation procedure, and that the control unit is further configured so that, with satisfactory authorisation it allows and facilitates access by means of a WAP protocol for the mobile radio terminal (TE1 to TE3) initiating the communication connection to data assigned to the ascertained subscriber (A, B, C), of a subscriber management database (SMDB) of the network management system (NMS) of the communication network (KN1), in which subscriber management database the type of services within the communication network subscribed to by the subscriber, and respective assigned parameters for the management of the communication network, are specified by the network management system.

9. Network management server according to Claim 8, **characterised in that** the network management server (NMS1) is part of a network management system (NMS) that manages a telephone network.

10. Network management server according to Claim 8, **characterised in that** the network management server is part of a network management system that manages a data network.

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